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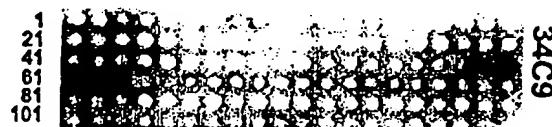
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(54) Title: IMMUNOLOGICAL DETECTION OF PRIONS

(57) Abstract

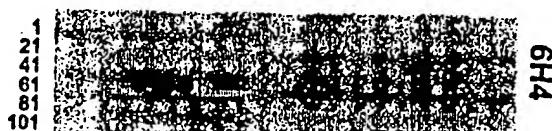
The presented invention relates to monoclonal antibodies useful in sensitive and specific immunological assays for the identification of prions in various tissues and body fluids, the production of such monoclonal antibodies by means of immunisation of PrP^{0/0} mice by means of a new recombinant fragment of PrP and the use of the antibodies, e.g. for therapeutic and preventive treatments of humans and animals suffering from prion diseases.

A



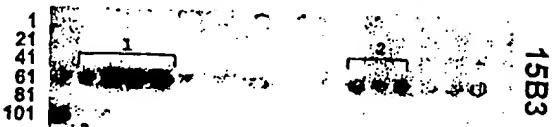
Peptides 59-63 comprising amino acids 149-153 of BoPrP

B



Peptides 64-66 comprising amino acids 155-163 of BoPrP

C

Peptides 62-65 comprising amino acids 163-169 of BoPrP
Peptides 73-76 comprising amino acids 173-181 of BoPrP
Peptide 102 comprising amino acids 226-237 of BoPrP